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Abstract

The abstract should be informative, indicate the general scope of the paper and contain the main results obtained and conclusions drawn. It should be complete in itself; mathematical expressions should not be included. The abstract must not exceed 200 words, and should be suitable for publication without change in abstracting journals.

PACS numbers

Further details can be inferred from the appropriate listings of PACS numbers [American Institute of Physics, AIP PUB.R-261.14 (1996)].

Main text

Manuscripts should be divided into numbered sections and subsections, starting with '1. Introduction'. Subsections should be numbered 2.1, 2.2, 3.1 etc.; appendices with A, B etc. All sections must have a short descriptive title.

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Figures should be limited to the minimum number needed to clarify the text and must conform to the usual quality criteria. They should be consecutively numbered and have a brief descriptive caption. Each must be cited in the text.

Footnotes

Footnotes in the main text should be avoided if possible. Where absolutely necessary, they should be marked with a numerical superscript and placed at the foot of the relevant page (not at the end of the article).

References

References should be cited by numbers in square brackets, for example, [5], [5, 7, 10], [5-8]. They should be numbered and listed in the order in which they are cited. In preparing the reference list please adhere to the following format:

For journal articles:

1.Bednorz, J.G., Müller, K.A.: Z. Phys. B **64**, 189 (1986) *For books:*

2. Ibach, H., Lüth, H.: Solid-State Physics. Berlin, Heidelberg, New York: Springer 1987

In the text authors may be cited by name, but without initials; if more than two, only the name of the first author should be given, followed by et al., e.g., Bednorz et al. [1].

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Please adhere to internationally agreed standards such as those adopted by the commission of the International Union of Pure and Applied Physics (IUPAP) or defined by the International Organization of Standardization (ISO). The journal will in general comply with the notation and abbreviations set out in the Style Manual of the American Institute of Physics. Metric SI units should be used throughout.

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Equations must be typewritten in papers submitted as hard copy and, in general, be sequentially numbered. The number should appear in parentheses at the right-hand side of the page and this form, e.g. (7), is sufficient to refer to the equation in the text. Special care should be taken to distinguish subscripts, superscripts and certain symbols. Symbols and letters representing physical and mathematical variables should be in italic. Units, abbreviations and special functions (Å, rf, dc, exp, tan, etc.) should be upright. Please add a note to explain any other special symbols.

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This journal is included in the Physics Online Library (POL), i.e., the table of contents and abstracts are available free of charge via the World Wide Web several weeks before the new issue reaches the subscribers. The full text in PDF and PS format is simultaneously available for subscribers to the printed version. Details can be obtained via http://link.springer.de/ol/pol/ or by sending an e-mail message to pol@springer.de. Papers that have been accepted for publication in the printed version will be incorporated uncorrected with title, author(s) and abstract in http://link.springer.de/ol/pol/ (search for Papers accepted) as an advance information for the community. After publication, they will disappear from this preprint service.

European Physics Review

Towards Europe In Scientific Publication

In response to the wishes of the physics community, the publishers of *Journal de Physique* (Éditions de Physique) and *Zeitschrift für Physik* (Springer-Verlag) have agreed to a merging of these two journals. Both journals have a centennial tradition: *Journal de Physique* is the review of the Société Française de Physique and *Zeitschrift für Physik* is published in cooperation with the Deutsche Physikalische Gesellschaft. The united journal, comprising *Journal de Physique* and *Zeitschrift für Physik* will continue the long tradition under the new name "European Physics Review" (*EPR*) which will represent the European future of science with an increased cooperation among European scientists.

EPR is a journal open to original contributions in all fields of Physics and to the world-wide community of physicists.

There will be four sections of *EPR* for basic science; two of them *EPR* B and *EPR* D include JP I, II and ZPhys B, D with a rearranged and enlarged catalogue of subfields. The other two originate from ZPhys A and C.

EPR B:

Condensed Matter, Soft Condensed Matter, Statistical Physics, Mesoscopic Physics, Physical Mechanics and Hydrodynamics, General and Interdisciplinary Physics.

EPR D:

Atoms, Molecules and Clusters (also at surfaces), Optical Physics, Quantum Optics, Classical and Quantum Chaos.

The merging of these two journals will concentrate and improve publishing while avoiding further proliferation of publishing activities which neither individuals' nor libraries' budgets can follow. Subscription rates will be **lower** than the sum of JP and ZPhys.

We are convinced that *EPR* will constitute the nucleus for a further merging of other national physics journals so as to strengthen European publishing. It will thus reflect the political and economical process towards the unity of Europe and at the same time broaden the community which reads and publishes in a well recognized European journal.

The merging of JP and ZPhys into *EPR* will become effective at the beginning of 1998 with the first issues appearing in January. The journal periodicity will be twice monthly for *EPR* B and monthly for *EPR* D. Until the end of the present year 1997 authors are asked to submit to the editors or editorial offices following the existing editorial policy. Manuscripts submitted later this year will automatically, if accepted, appear in one of the first issues of *EPR* in 1998.

¹ Please note that from now on **all electronic submissions** to *EPR* B and D should be made via e-mail to the Orsay editorial office (EPRB *or* EPRD@lps.u-psud.fr). All files, T_EX, LaT_EX or Word should be compressed, archived and encoded with public softwares (gzip, tar, uuencode, etc.) before sending. Figures should be included as separate PS or EPS files.

EPR will maintain the idea of divisional editors which has proved to be very successful in editing JP and ZPhys. Hence, authors will be able to submit their manuscripts through different channels, either through the offices of the Editors in Chief or directly to any of the members listed on the Editorial Boards which will be announced very shortly together with the new information, instructions to authors and subscription rates.

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